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Date	Maintenance work to be performed:	Remarks:
1	3	4
4 Jan 49	<p>Pre-flight inspection</p> <p>Test the lead-in to the interior antenna of the instrument <u>C4-3</u></p> <p>Check the functioning of the <u>CNY</u> device and of the radio set, simultaneously test the and also the (words cannot be identified), the <u>BMF</u> instrument, and the batteries</p>	<p>Completed</p> <p>Completed.</p> <p>Completed</p>
10 Jan 49	<p>Pre-flight inspection</p> <p>prepare the aircraft for take off</p> <p>Post-flight inspection</p> <p>Clean the BK-31 limit switches of the landing gear retracting mechanism</p> <p>Pre-flight inspection</p> <p>Prepare the aircraft for take off</p> <p>Post-flight inspection</p>	<p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p>
11 Jan 49	<p>Clean the BK-41 limit switches of the landing gear retracting mechanism</p> <p>Find and repair the defect in the current line of the radio set</p> <p>Clean the soot and dust from collector of the PY-11 and YC-1 transformers with gasoline</p> <p>Fasten the connection of the current lead to the <u>AT-1</u> artificial horizon</p> <p>Tighten the bolts holding the T-22 dynamos of the left engine</p> <p>Tighten the bolts holding the "amortisator" (probably interference protection device) at the PC-1000 generator of the right engine</p> <p>Note the numbers of the instruments and the generators of the special equipment</p> <p>Replace the indication lights for the left shock absorber leg</p> <p>Check the functioning of the PC-5-duc radio set</p> <p>Replace the oxygen indicator <u>UK-12</u> for the aerial gunner and radio operator</p>	<p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p>
12 Jan 49	<p>Make a cover for the flexible cable of the rotation counter T-22..... (word cannot be identified) of the left engine</p> <p>Fit "durit" to the capillary tube of the oil pressure gauge of the left engine</p> <p>Dismantle the oil lines to the oil pressure gauge of the right engine</p> <p>Clean the collectors of the electric engines of the <u>AT-1</u> and YT-1 mechanism</p>	<p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Completed</p>

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13 Jan 49

Attach counter nuts to the bolts on the electric mechanism ~~AT-1~~ and YT-1 Completed
 Give an oil check to the reduction gear of the engine Completed
 Check the pitot tubes and make a cover for them Completed
 Check the valves of the oxygen apparatus Completed
 Work on the battery Completed

Prepare, check, and test the function of the alert instruments Completed
 Regulate the operation of the BK-41 mechanism for the extension of the landing gear (put the aircraft on the pyramidal jacks) Completed
 Extend and retract the landing gear Completed within 35 sec
 Note the numbers and the year of construction of the instruments and generators of the special equipment Completed
 Inspect the radio set, the battery, and the generator with the engines running Completed
 Repair the connections of the electric lines at the left pilot seat Completed
 Check the condition of the CBA-56 A engines (collector and brushes) Completed
 Pre-flight inspection Completed
 Post-flight inspection Completed

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14 Jan 49

Tighten the nuts holding the generator of the right engine Completed
 Set the gasoline indicator ГРМ at "0" position Completed
 Repair the defect in the altimeter of the navigation officer Completed
 Clean the walls of the ИЗУРЦ (or ИЗЦРЦ) instruments, the right radio Operator's desk, and the plate of the aerial gunner and radio operator Completed
 Work on the installation of the clothing store (?) Completed

18 Jan 49

Dismantle the gyroscopic devices, the altimeter, and the speedometer and turn them in to ТАМ-4 for inspection Completed

19 Jan 49

Install the battery box in the cabin of the navigation officer Completed
 Inspect and check the electric lines and the function of the CИY-2Φ device Completed

20 Jan 49

Check the functioning of the radio set, the generators, and the BMГ instrument with the engines running Completed
 Find the defect in the stabilizer causing a downward incline of the aircraft Completed
 Exchange the reduction gear of the motor for the stabilizer unit (presumably tail plane trimming gear) Completed

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1	3	4
	Check the functioning of the landing flaps and of the stabilizer unit	Completed
25 Jan 49	Dismantle the altimeter, the speedometer, the variometer, the vacuummeter, Γ MK-2, Δ Π , Υ Π , C4-3, PC PC-3, Δ Π , Π KO-10, and YC-1 for an inspection at Π APM-4	Completed
27 Jan 49	Dismantle the altimeter, the speedometer, the variometer, the vacuummeter, MK-2, Δ Π -2, Υ Π , PC P KO-10 and YC-1 for an inspection at Π APM-4	Completed
1 Feb 49	Install the instruments, Π KO-10, the radio set and check their functioning on the ground Pre-flight inspection Prepare the aircraft for take off Install the radio set and the Π KO-10 device and test their operation in connection with the battery Install the altimeters, the air speed indicators, and the variometers Post-flight inspection Clean the gasoline cans and check the brushes of the CBA-56 motors Exchange the base of the oil pressure gauge	Completed Completed Completed Completed Completed Completed Completed Completed
4 Feb 49	Check the containers KPP-1 and 82-K Tighten the nuts of the lines to the fuses in YPU (or YPU) Check the container PK-32-1000 right Install Γ MK-2, Δ Π -1, and Υ Π -1 at the instru- ment board Install and check the Π KO-10 Check the operation of the generators with the engines running	Completed Completed Completed Completed Completed Completed Completed
9 Feb 49	Dismantle the instrument board, the course indicator, and the indicator of the Check the fuel lines Set the indicator of the rotation counter Fit the connections of the battery in ϕ -2 Check the fuel cans of the C-1000 generators at the engines Tighten the haltering of the K Π -4716 at the left engine	Completed Completed Completed Completed Completed Completed Completed
10 Feb 49	Inspect the fuel pumps Dismantle the Γ MK-2, Υ Π , and the variometer for an inspection at Π APM-4	Completed Completed

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1	3	4
10 Feb 49	Fix the equipment in the cabin for instrument flight training Check on the battery	Completed Completed
11 Feb 49	Fix little frames for the correction cards Dismantle the batteries, clean the dust from them and prepare them for charging Install a bolt holding the pilot's radio receiver	Completed Completed Completed
12 Feb 49	Exchange the lines for the radio to be operated by the pilot Remove the lines from the wall next to the left pilot's seat Install indication lights for the operation of the radio transmitter Reinstall the instruments after the inspection Attach correction cards at the instruments	Completed Completed Completed Completed Completed
24 Feb 49	Install the YH mechanism at the left engine Dismantle the instruments for an inspection at NAPM-4 Dismantle the fuel line/p-1 Check the functions of all "A" aggregates and the collector of the landing retracting motor Clean the outlet "Abzug" of the CZA-56 K set	Completed Completed Completed Completed Completed
25 Feb 49	Assemble the YH-1 unit of the right engine Attach the lines to the motor frame Replace the (?) Y3-40 indicator Clean the contacts of the starter coil K1-4716 at both engines Check the TC-1000 generator of the left engine	Completed Completed Completed Completed Completed
2 Mar 49	Assemble the connecting pieces for the gyroscopic instruments and for the oil vacuum meter Assemble the dynamic and static pressure pipes connecting the instruments and the cabin of the Dismantle the electric control lines of the magneto and of the landing flaps in the instructor's cabin Clean the contacts KPP-1 "grid" (?) and KPC-1, coils in the casing Assemble the line to the oil pressure gauge at the engines Dismantle the electric lines to the tail plane trimming gear and of the instrument board lamps Check on the equipment of the instructors cabin at NAPM-4	Completed Completed Completed Completed Completed Completed Completed Completed Completed

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1	3	4	
19 Mar 49	Check the aircraft, the special electrical equipment and the fuel lines	Completed	
22 Mar 49	Exchange the BK-41 limit switches of the landing gear extending and retracting mechanism and for both shock absorber legs	Completed	
	Clean the contacts of the 82-K emergency switches and the casing of the KPP-1 flaps	Completed	
	Tighten the contacts PK-4 and PK-15	Completed	
	Replace the PK-32-1000 casing	Completed	
	Clean the collectors of the YP-2 mechanism	Completed	
23 Mar 49	Pre-flight inspection	Completed	
	Prepare the aircraft for take off	Completed	
	Check on the functioning of the 83-K limit switch, particularly with regard to the timely operation of the stabilizer	Completed	
	Note the strain and the abrasion results within a certain period of the units АП-1, УТ-1, УТ-3, УС-1, УР-2, УН-1, ГРД-1р, ГРД-1 and the current consumers: КП-4716, РСВ-3дс, УС-1, РПКО-10, ЭЛС-1, ПЭС-1	Completed	50X1-HUM
23 Mar 49	Check on the operation of the rotation counter	Completed	
24 Mar 49	Post-flight inspection	Completed	
	Repair the electrical equipment	Completed	
	Contact the circuit at the engines inside the plane	Completed	
	Attach "durit" to the "kaplomer" or "kappomer" of the streamline section tube of the oil pressure gauge at the left engine	Completed	
	Clean the collector of the VP-2 mechanism of the right engine	Completed	
	Check the slide resistance of the PK-32-1000	Completed	
	Check the brushes of the collector of the motor СБА-56А	Completed	
	Clean the contacts of the magneto switch BM-335	Completed	
25 Mar 49	Pre-flight inspection	Completed	
	Check the brushes of the collector of the СБА-45А motor	Completed	
	Clean the contacts of the magneto switch BM-335	Completed	
	Check the slide resistance of the PK-32-1000	Completed	
	Check the collector of the YP-2 mechanism	Completed	
	Install the static and dynamic pressure lines to the ОПС-1А control device	Completed	
	Dismantle the special electric equipment of the right engine	Completed	
	Post-flight inspection	Completed	
28 Mar 49	Check on the defects at the special electrical equipment	Not Completed	
	Reattach the electric lines to the engines	Not completed	
	Fit a "Durit" serpent to the capillary tube of the oil pressure gauge of the right engine	not completed	

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1	3	4
	Determine the fuel tank capacities	Completed
	Exchange the AΠ-1 unit	Completed
29 Mar 49	Pre-flight inspection	Completed
	Prepare the aircraft for take off	Completed
	Post-flight inspection	Completed
30 Mar 49	Exchange the fuel gauge of the left engine	Completed
	Exchange the vacuum meter of the left engine	Completed
	Check on the generators at the left engine	Completed
	Change the static and dynamic pressure pipes in the pilot's cabin	Completed
	Install a lamp indicating the operation of the transmitter in the pilot's cabin	Completed
31 Mar 49	Check the Π-100 generators	Completed
	Clean the collector	Completed
	Clean the contacts of emergency switch 82K, the lids of the gasoline tanks, and the contacts of the battery box	Completed
	Change the grease on the T3-22 flexible cables	Completed
1 Apr 49	Clean the static and dynamic pressure tubes	Completed
	Change the lubrication of the ball bearings of the PY-11a and PYK-300A transformers	Completed
	Change the upper "amortisator" of the PCG-3-buc radio	
	Replace the antenna lead-in to the transmitter	Completed
2 Apr 49	Dismantle the transmitter for inspection and clean the contacts of the antenna relays and the relays of the power generators on	Completed
	Clean the contacts of the lines to YPU (or YPU) at the right seat and PK-15 and the holders of the fuses	Completed
	Check the limit switches to the landing gear, the landing flaps, the "grids", and the stabilizer	Completed
	Clean the collectors of the YH-1 mechanism	Completed
6 Apr 49	Make..... for the socket supports	Completed
	Install an ebonite holder for the antenna of the PTKO-10 set	Completed

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1	3	4
	Tighten the lead-in of the oil pressure gauge	Completed
	Apply anti-friction material to the lines of 10 set	Completed
	Attach the oxygen tube KΠ-3 at the pilot's seat	Completed
	Attach a capillary tube to the oil pressure gauge of the right engine	Completed
	Tighten the capillary tube of the oil pressure gauge with friction tape	Completed
7 Apr 49	Pre-flight inspection	Completed
	Prepare the aircraft for take off	Completed
	Change the AΠ-1 set in the instructor's cabin	Completed
	Post-flight inspection	Completed
14 Apr 49	Change the transformer of the radio receiver	Completed
	Change the blocks (presumably cylinder blocks) of the left engine and dismantle the special electrical equipment	Completed
	Check the battery	Completed
4 May 49	Check the fuel lines	Completed
	Pre-flight inspection	Completed
	Post-flight inspection	Completed
	Change the electric lines at the right engine	Completed
	Check the working of the generators of the radio set and the "AY" generator during an engine test	Completed
10 May 49	Make an ebonite support for the antenna of the radio set PCG-3 buc	Completed
	Clean moisture and dust from the YP44 (or YP4) set	Completed
	dismantle the PK-15 from the right pilot's seat	Completed
16 May 49	Check the functioning of the radio set with the engines running	Completed
	Check the functioning of the electric landing gear retracting and extending mechanism	Completed
16 May 49	Paint the PY-11A and PYK-300A transformers	Completed
	Pre-flight inspection	Completed
	Test the functioning of the radio set with the engines running	Completed
	Pre-flight inspection	Completed
	Post-flight inspection	Completed

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1	3	4
17 May 49	Pre-flight inspection	Flight was not performed
	Check the fuel lines	Completed
	Clean the right table and the УРЦ (or УРЦ)	Completed
	Install the C4-3 device	Completed
	Change the ПМК-2 instrument for the pilot	Completed
	Inspection after teh hours flight	Completed
	Check the working of the radio set with the engines running, and the functioning of the gyroscopes, the БМ instruments and the generators	Completed
18 May 49	Change the ПМК-10 plate	Completed
	Dismantle the oxygen apparatus and give it to П АРМ-4 for inspection	Completed
	Dismantle the radio sets, i.e. РСБ-3 бнс, YC-1, PY-11 A, ПМК-10, PYK-300 A, etc.	Completed
	Dismantle instruments and instrument boards at the pilot's seat and the navigation officer's seat, and the fuel line system at the right seat (table)	Completed
	Install a new flexible cable for the rotation counter	Completed
19 May 49	Pre-flight inspection	Completed
	Make the aircraft ready for take off	Completed
	Note the numbers, the date of inspection, and the data produced of the oxygen cylinders	Completed
	Pre-flight inspection	Completed
25 May 49	Pre-flight inspection	Completed
	Fit the capillary tubing of the oil pressure gauge at the left engine	Completed
14 June 49	Pre-flight inspection	Completed
	Inspection of tube lamps of the instrument board illumination	Completed
	Check the fuel lines	Completed
15 June 49	Post-flight inspection	Completed
	Fit the gas pedal of the left engine with	Completed
	Dismantle the generators for an inspection of the brushes, collector, and the position of the valves	Completed
	Illegible work connected with the left ГС-1000 generator	Completed
16 June 49	Make an antenna support for the Г-3 cabin	Completed
	Check the oxygen masks and hoses and clean them from dust and verdigris	Completed

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1	3	4
16 June 49	Install the dynamo and the flexible cable of the T3-22 rotation counter of the left engine	Completed
	Check the "Metallization" at the fuselage, wings, landing gear, engine, and gas pedals.	Completed
	Pre-flight inspection	Completed
	Fasten the indicator hand of the pressure gage to the axle and set it at "0"	Completed
	Remove from the transformer brushes of the receiver	Completed
	Prepare the aircraft for take off	Completed
	Post-flight inspection	Completed
	Check the limit switch of the landing gear, BM-334, the ending, CBA-56A, and YU-2	Completed
	Check the functioning of the electrical landing gear retracting mechanism	Completed
	Post flight inspection	Completed
	Pre-flight inspection	Completed
) Prepare the aircraft for take off	Completed
20 June 49	Tighten the haltering device of the KN-4716 starter coil	Completed
	Clean the right desk and YPU (or YPU)	Completed
22 June 49	Inspection of electrical and radio equipment after ten hours flight	Completed
	Clean soot from the collector of the transformers, check the brushes and lubrication	Completed
23 June 49	Pre-flight inspection	Flight was not performed
	Inspection of generator PC-1000 with regard to lubrication, condition of the brushes, of the collector, the box, etc.	Completed
	Inspect the "metallization" at the elevator assembly, the landing gear, the gas pedals, and on the engines	Completed
	Check the lines to the capillary tube of the oil pressure gauge	Completed
	Turn in the radio tubes to PAFM-4 for inspection	Completed
24 June 49	Pre-flight inspection	Completed
	Prepare the aircraft for take off	Completed
	Inspection of fuel lines	Completed
28 June 49	Post flight inspection	Completed

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30 June 49

Pre-flight inspection Completed
 Tighten the BK-41 of the stabilizer and the
 BK-41 of the flaps Completed
 Tighten the haltering device of the ~~ГПУ~~ or ~~ГПУ~~
 motor operating the landing flaps Completed
 Tighten the springs of the antenna at the Cl-3 set Completed
 Tighten the holding device of the ~~АП~~-1 and YT-1 sets Completed
 Inspect the collectors, the brushes, and the box of
 the ~~Г~~C-1000 generator of the right engine Completed
 Install the "metallization" on the oil tanks of
 the right engine Completed
 Install a starter coil ~~КП~~-4716 at the right engine Completed

4-July 49

Clean the contacts of the KPP-1 containers and of
 the landing flaps Completed
 Clean the collector of the ~~CNY-34~~ transformer Completed
 Clean the BK-41 mechanism for the retracting of the
 landing gear Completed

5 July 49

Inspect the functioning of the electric extending
 and retracting mechanism of the landing gear Completed
 Clean the collector of the ~~CBA~~-56 engine and check the brushes
 Completed
 Replace the clock ~~АУКО~~ Completed
 Replace the wires for the remote control of the
 radio set Completed
 Check the speedometer Completed
 Tighten the haltering device of the engine ~~CBA~~-56 Completed

(5) (6)

Comments.

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(2) This ground unit is probably assigned to one of the bomber regiments of the 8th Gds
 Bmr Div located in Strashof.

(3) This belief is supported by
 the fact that after 24 February 1949, only dismantling work was performed on
 this aircraft. The production numbers do not indicate the year of construction
 nor the manufacturing plants. The Pe-2s are erroneously designated Po-2 in the
 note book.

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(4) As the attached document was translated into foreign languages twice, the correct-
 nes of the translation cannot be warranted, and another check would be recommended,
 using the original documents. For original documents, see Annex.

(5) The following instruments and devices were identified from the note book:

On the engine: ~~Г~~C-1000 one generator at each engine
 PK-32-100 Slide resistance
~~CBA~~-56A One starter engine for each inertia starter
~~CBA~~-56K Coupling fitting for starter engine
 T-22 Electric rotation counter
~~КП~~-4716 The inertia for each engine with resistance coil
 One transformer for each magneto

Airframe:

BK-41 Landing gear limit switch. The same designation is being used for the limit switches of the tail wheel, landing flaps, and tail plane trimming gear, and simultaneously for the extension mechanism of the dive brakes.

83-K Tail plane trimming gear, if referred to as a separate unit.

ГРЦ-ИР)
ГРЦ-ИУ) Motors for operating the landing flaps

KPP-1 "grid" Control motor for the dive brakes
KPC-1 Control motor for the bomb doors.
YC-40 Transformer indicator
РК-4) Rudder trimming mechanism. It cannot be determined
РК-15) which part of the mechanism is concerned.

Control equipment in the cockpit:

BM-335 Ignition switch
82-K Short circuit switch
Ф-2 Accumulator
UK-12 Oxygen indicator
КП-3 Oxygen line
YPU or YPU Fuel switch with pump mechanism
Гр-1 Fuel gauge

Radio equipment:

PCTB-3 ~~unc~~ Radio transmitter
YC-1 Radio receiver
PCKO-10 Radio compass
AII-1 Artificial horizon
AII-2 Variometer
Ch-3 Intercommunication radio
Cry2 Radio telephone system
ГМК-2 Presumably gyroscopic compass. The instrument is believed to be fitted with an air-driven gyroscope.
YT-1, YT-3
YII-1, AII-1 Indicators of the ГМК-2 set.

PY-11a
PYK-300 Transformers of the ГМК-2 set
OITB-1 Presumably an improved model of the OITB-1 and OITB-1a non-automatic bomb sight without stability, which was used during the war

- (6) The purpose of the YP-2 instrument cannot be determined. This set is fitted with a collector and is mentioned for both engines. The devices ~~MC~~-1 and ~~PK~~-1 current consumers are also unknown.